

SYSTEM AND METHOD FOR IP HANDOFF

ABSTRACT OF THE DISCLOSURE

A seamless vertical handoff method allows the network
5 applications and connections on a mobile node to continue
without disruption as it moves within a wireless overlay
network that comprises multiple possibly overlapping layers
of wireless networks (e.g., a WLAN and a WWAN) with
different underlying technologies, providing mobile roaming
10 capabilities. The method comprises a WLAN access point
signal strength monitor for determining when to switch
between WLAN and WWAN, and a network connection migration
scheme that can move an active network connection from a
wireless link of one technology to another wireless link of
15 a different technology in a way that is transparent to the
user, the remote end of the network connection, and the
operator of the WWAN carrier.